Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Sunday 16 Jan 2022 until 23:59 on Monday 17 Jan 2022

Forecast Issued on Saturday 15 Jan 2022 at 16:00

Confidence: High for Sunday. High for a lot of dry weather over coming week. Medium for cloud cover from Tuesday. Low for rainfall detail Tuesday night/Wednesday morning.

Headline for Sunday 16 Jan 2022: Rain/sleet clearing south through the morning. Dry and bright through the afternoon.

Mountain weather hazards on Sunday 16 Jan 2022

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG						
Fog	Fog	Sleet	Sleet	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
10%	10%	70%	50%	00%	00%	00%	00%

Forecast for Sunday 16 Jan 2022

Weather: Mainly dry at first with cloud covering the summits. A band of mainly light rain will move south across the Lake District through the early hours, clearing by mid- to late-morning. This will fall as sleet above 800m. Turning dry and bright from late morning with patchy cloud, at times covering the summits.

Chance of cloud free mountain/hill tops above 800m: Less than 10% at first, improving to 70% as the rain clears south through the morning, and 80% through the afternoon.

Visibility: Moderate or poor overnight and into the morning, and very poor on the summits. Widespread cloud with bases 300-500m. Turning good through the afternoon and evening and patchy cloud with bases around 900m.

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Met Office Mountain Weather Forecast

Forecast for Sunday 16 Jan 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	23/28 SW	23/28 W	24/29 SW	24/29 NW	19/24 N	17/21 NW	23/29 NW	21/27 NW	18/23 NW
600	18/24 SW	18/24 W	17/23 W	18/25 NW	14/18 NW	13/19 NW	17/27 NW	17/25 NW	16/23 NW
300	6/19 W	7/19 W	6/19 W	8/21 NW	8/18 NW	6/17 NW	7/22 NW	6/19 NW	7/19 NW
Valley	5/17 W	6/17 W	5/16 W	9/22 NW	9/19 NW	6/16 NW	6/19 NW	4/15 NW	6/16 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	1/-6	0/-6	1/-6	0/-6	-1/-7	-1/-7	-1/-8	-1/-8	-0/-7
600	2/-3	2/-3	3/-3	2/-3	1/-4	1/-4	1/-5	1/-5	1/-5
300	4/2	4/2	4/2	4/1	4/1	4/1	3/-0	2/-1	2/-1
Valley	6/4	6/4	6/4	6/3	6/3	6/4	5/3	4/3	4/2
Freezing Level*	900m	900m	1200m	1000m	700m	700m	700m	600m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A considerable wind chill expected on the summits, including through the afternoon when the rain has cleared.

Forecast for Monday 17 Jan 2022

Weather: Patchy cloud with some clear spells. Mist and freezing fog through some of the valleys slow to clear, and quickly reforming after sunset.

Maximum wind: West or northwesterly becoming south or southwesterly,10-15 mph.

Chance of cloud free mountain/hill tops above 800m: 70%

Visibility: Mainly good but poor or very poor in mist and freezing fog within the valleys.

Temperature: **Valleys:** 0 rising to plus 6 through the day.
At 800m: Minus 2 overnight, rising to plus 2 near midday.
Freezing level: Most levels early and late in the day, rising to near or above the summits around the middle of the day.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Saturday 15 January. Location: Helvellyn summit at 14:40. Full report: Many Lake District fells are now clear of snow up to summit level especially on south and west facing slopes. However crampons/microspikes and an ice axe are still strongly recommended for anyone venturing onto or above steep or exposed terrain, as the remaining snowpack is well frozen and a serious proposition for anyone venturing onto it. The old snow is generally to be found on steep north through east aspects above 700m. Where the snow has been compressed by walkers feet it is now hard and icy creating an obvious hazard on many paths.Striding and Swirral Edge can be climbed almost entirely on rock with careful route choice, however, both have steep banks of icy snow guarding their exits and many of the easier routes on the flanks are also still snow bound. For this reason an ice axe and crampons / microspikes are recommended for these and similar routes as a slip not quickly arrested would have very serious consequencesThe Helvellyn plateau was clear of snow but small slumping cornices still exist above easterly aspects which should be given a wide berth.Full winter clothing (warm and waterproof) including spare warm layers, hats and gloves, and equipment including a headtorch, map, and compass are all essential plus an ice axe & crampons/microspikes if your planned route could potentially take you onto snow or steep and exposed terrain. Temperature: Plus 1.2 C. Maximum wind speed 13.5mph. Wind chill: minus 4.8 C. Average wind speed: 12.2mph.

Issued at: 1600 on Sat 15 Jan 2022

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